

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080620\
 Data File : VW016054.D
 Acq On : 06 Aug 2020 19:28
 Operator : SY/VA
 Sample : L3564-06
 Misc : 6.55G/10ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BFSQ0

Quant Time: Aug 07 07:44:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072020S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 07 07:41:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	320464	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	277082	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	107016	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	59546	13.17	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	52.68%
7) Chloroethane-d5	2.89	69	49415	13.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	53.80%
10) 1,1-Dichloroethene-d2	4.01	63	97034	10.61	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	42.44%#
20) 2-Butanone-d5	7.09	46	28741	24.20	ug/L	0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.40%
24) Chloroform-d	7.65	84	149109	16.57	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.28%
26) 1,2-Dichloroethane-d4	8.31	65	80236	16.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	64.96%#
29) Benzene-d6	8.27	84	287118	17.02	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	68.08%
33) 1,2-Dichloropropane-d6	9.27	67	89193	17.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	70.56%
37) Toluene-d8	10.33	98	247231	16.18	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	64.72%
38) trans-1,3-Dichloropropene-	10.58	79	32312	14.99	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	59.96%
39) 2-Hexanone-d5	10.93	63	23055	27.38	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	54.76%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73956	19.03	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	76.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	79652	19.09	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.36%

Target Compounds

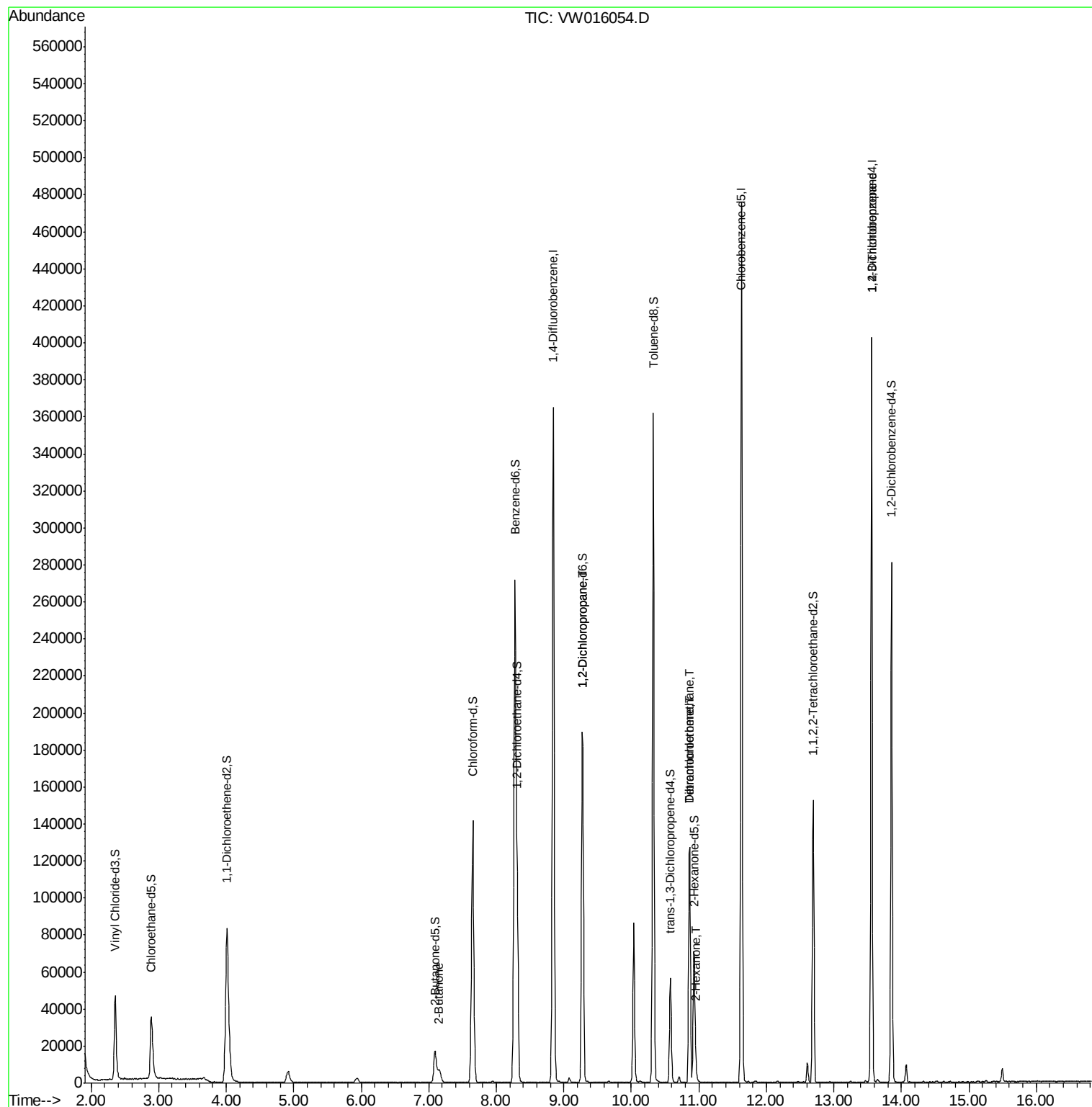
					Ovalue
21) 2-Butanone	7.15	43	5544	4.494 ug/L #	47
40) 1,2-Dichloropropane	9.27	63	9637	2.312 ug/L #	88
47) Tetrachloroethene	10.86	164	30913	8.946 ug/L	92
49) 2-Hexanone	10.96	43	4671	2.705 ug/L #	68
50) Dibromochloromethane	10.87	129	28881	8.321 ug/L #	11
59) 1,2,3-Trichloropropane	13.56	75	11869	4.500 ug/L	93

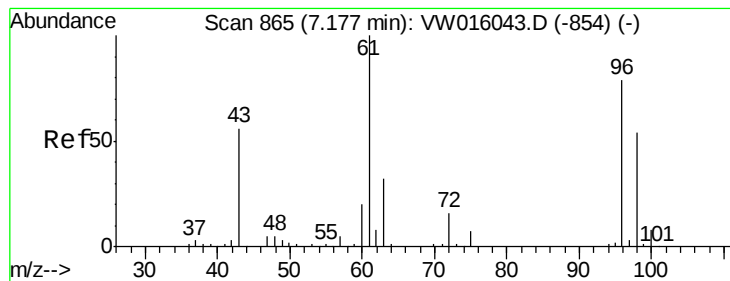
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Aug 07 07:41:20 2020
Response via : Initial Calibration





#21

2-Butanone

Concen: 4.494 ug/L

RT: 7.15 min Scan# 861

Delta R.T. -0.02 min

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Acq: 06 Aug 2020 19:28

Instrument :

MSVOA_W

ClientSampleId :

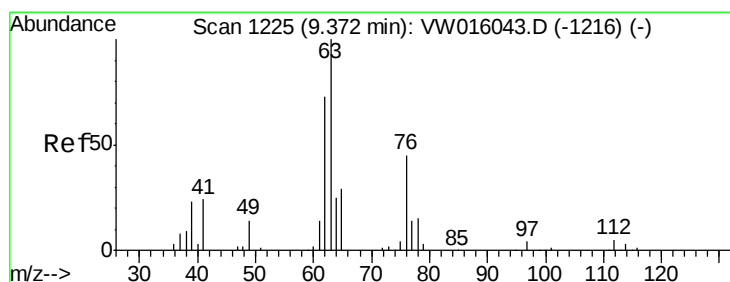
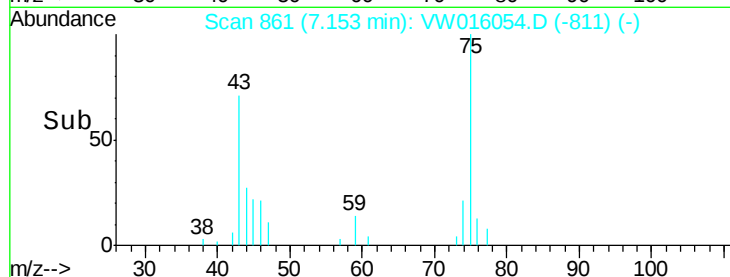
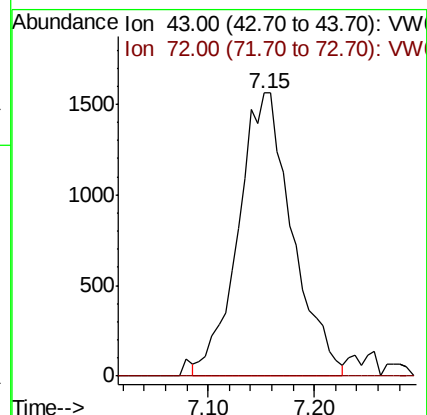
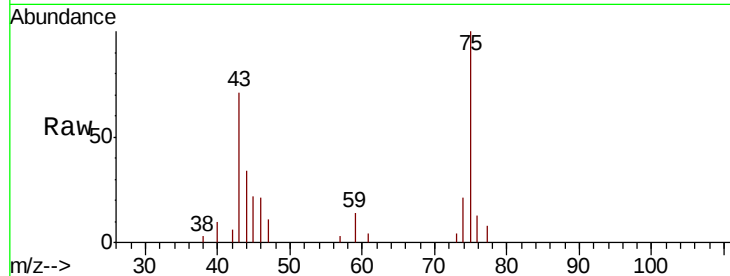
BFSQ0

Tot Ion: 43 Resp: 5544

Ion Ratio Lower Upper

43 100

72 0.0 13.9 41.7#



#40

1,2-Dichloropropane

Concen: 2.312 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW016054.D

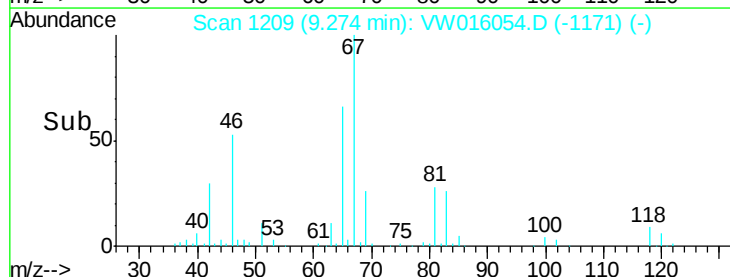
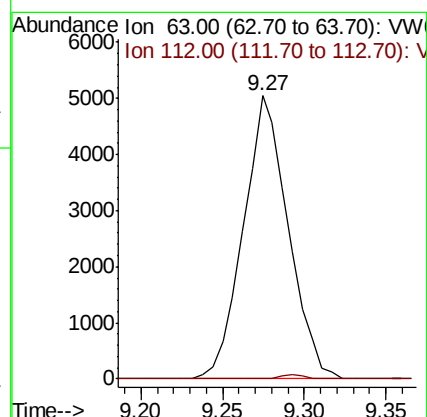
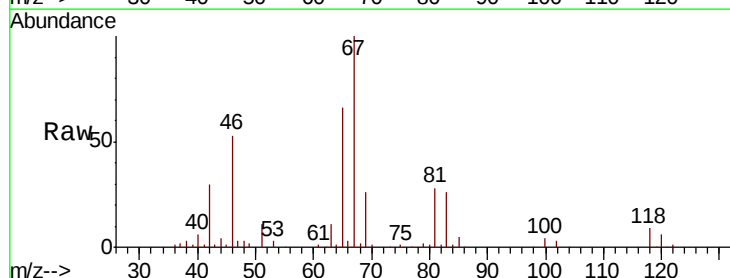
Acq: 06 Aug 2020 19:28

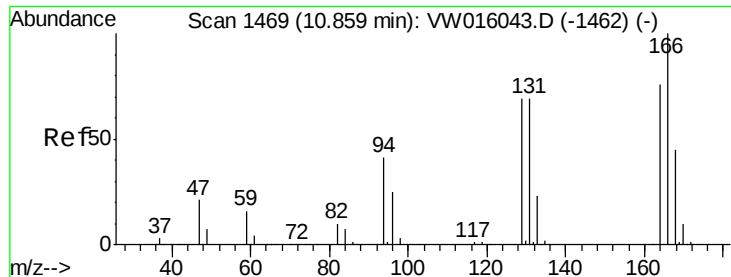
Tgt Ion: 63 Resp: 9637

Ion Ratio Lower Upper

63 100

112 0.8 3.7 5.5#





#47

Tetrachloroethene

Concen: 8.946 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW016054.D

Acq: 06 Aug 2020 19:28

Instrument :

MSVOA_W

ClientSampleId :

BFSQ0

Tot Ion:164 Resp: 30913

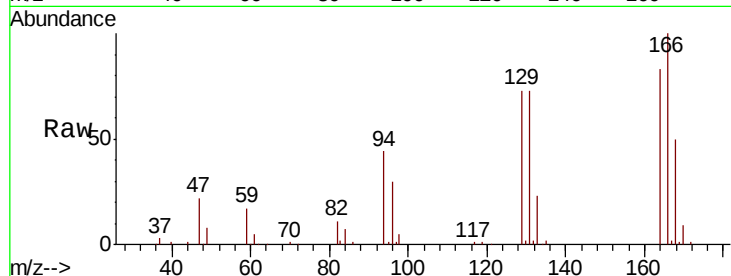
Ion Ratio Lower Upper

164 100

129 88.2 70.0 130.0

131 88.4 67.3 124.9

166 120.4 88.5 164.3

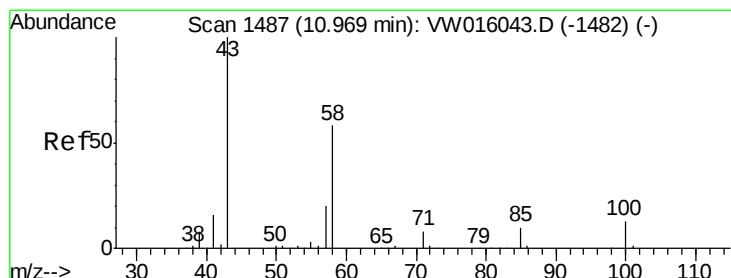
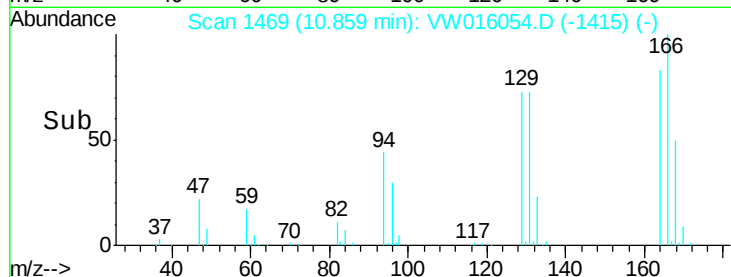
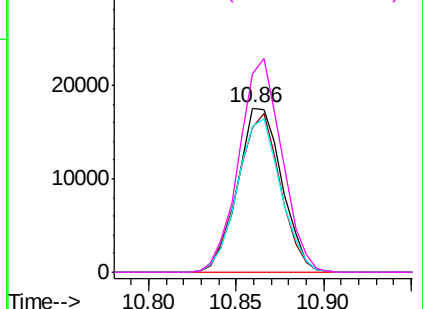


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 2.705 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW016054.D

Acq: 06 Aug 2020 19:28

Tgt Ion: 43 Resp: 4671

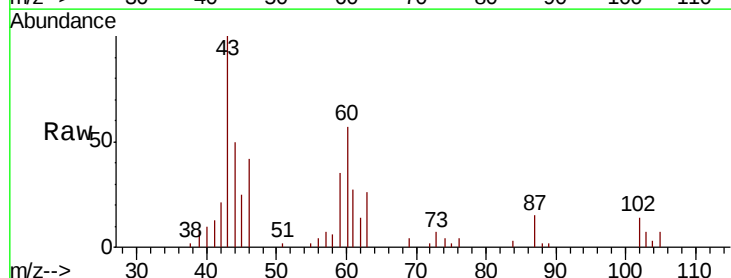
Ion Ratio Lower Upper

43 100

58 22.8 42.4 63.6#

57 20.8 15.6 23.4

100 0.0 9.8 14.6#

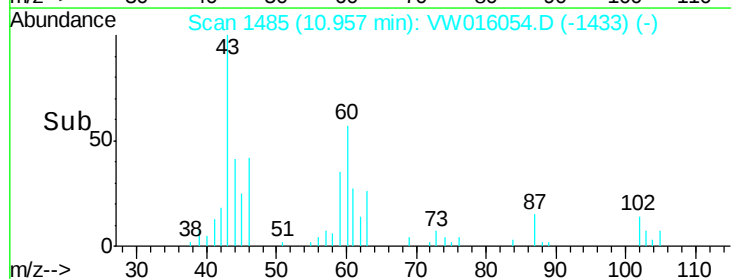
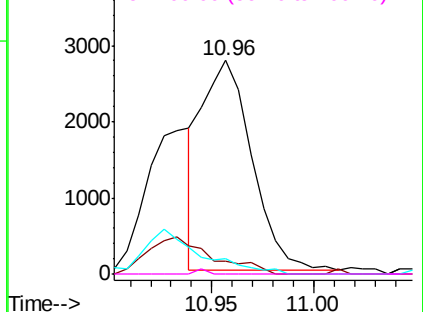


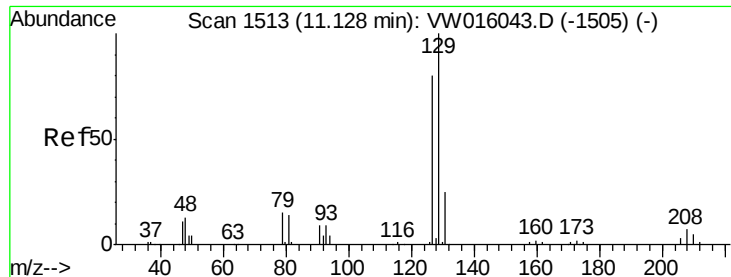
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW





#50

Dibromochloromethane

Concen: 8.321 ug/L

RT: 10.87 min Scan# 1470

Delta R.T. -0.26 min

Lab File: VW016054.D

Acq: 06 Aug 2020 19:28

Instrument :

MSVOA_W

ClientSampleId :

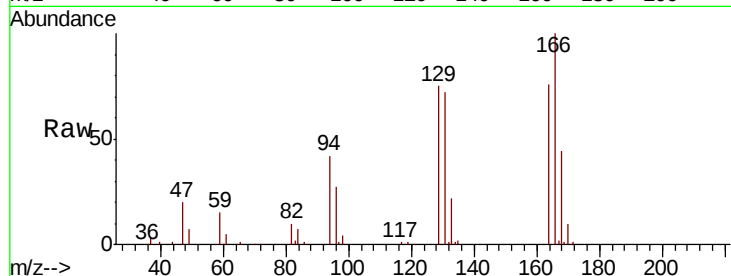
BFSQ0

Tot Ion:129 Resp: 28881

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

10.87

15000

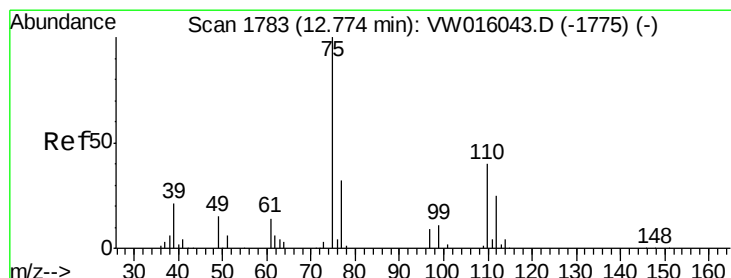
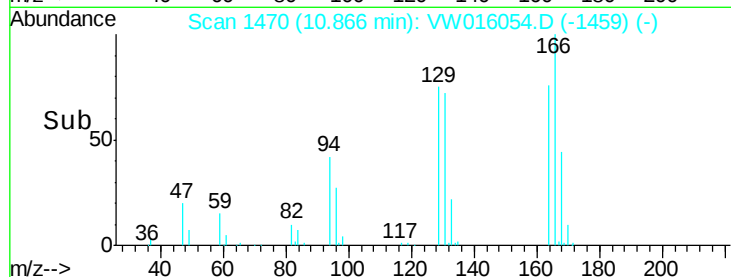
10000

5000

0

Time-->

10.80 10.85 10.90



#59

1,2,3-Trichloropropane

Concen: 4.500 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW016054.D

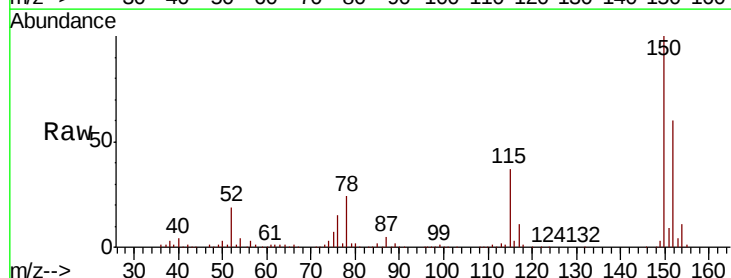
Acq: 06 Aug 2020 19:28

Tgt Ion: 75 Resp: 11869

Ion Ratio Lower Upper

75 100

77 36.6 26.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

13.56

8000

6000

4000

2000

0

Time-->

13.50 13.55 13.60

